



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW6420G00131-8G-5
Job Sheet 178864



Part No: RBW6420G00131-8G-5

Job Qty: 6 ea 12

Part Name: Pin



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 6/8/18

Job Tracking No:

Due Date: 6/11/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RBW6420G00131-8G REV A IPP REV A 18.05.30 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea	6/11/18	6/11/18	0.00	0.00	Start Up Machining-3		
110	CNC Lathe	6 pcs	6/11/18	6/11/18	0.00	3.00	MORI SL-154		
120	QC	6 pcs	6/11/18	6/11/18	0.00	0.00	QC2 Machining-4		
130	QC	6 pcs	6/11/18	6/11/18	0.00	0.00	QC8 Machining-4		
140	Outsource	6 pcs	6/11/18	6/11/18	0.00	0.00	Outsource13		
150	Packaging	6 pcs	6/11/18	6/11/18	0.00	0.00	Packaging2		
162	QC	6 pcs	6/11/18	6/11/18	0.00	0.00	QC6		
170	Packaging	6 pcs	6/11/18	6/11/18	0.00	0.00	Packaging3-1		
180	QC21-SA	6 Ea	6/11/18	6/11/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per DWG. FC131 FOLIO REV: _____ DWG REV: _____ 2-Debur
 Descriptions: 140 - -Issue P/O to GROUPE ALTECH: P/O 040135 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R0.625	AISI 4140 Quenched & Tempered Steel Round Bar 0.625" Dia.	2.7000 ft (.45 ea)	90-Start up Operation	5046860 36" 34" + 5.5" 6.3"

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R0.625	3	104	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 6/8/18 11:41 AM dart.logan.david

Container No: S079839



Part: RBW6420G00131-8G-5

Job No: 178864

Serial No/Batch: S079839

Revision: A

Inspector:

Exp Date:

Instructions:

Date: 06/11/18

DART AEROSPACE LTD		Work Order:	118867
Description: Pin		Part Number:	
Inspection Dwg: RBWG42DGP0131-BG-5 Rev: A		Page 1 of 1	

INSPECTION SHEET

[illegible]

Measured by:	<i>[Signature]</i>	Checked by:	<i>[Signature]</i>	QC Inspector:	
Date:	18-06-10	Date:	18-06-11	Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

WORK ORDER NON-CONFORMANCE / UPDATE

Closed: _____ Date: _____

Date: _____

Work Order update only ☐

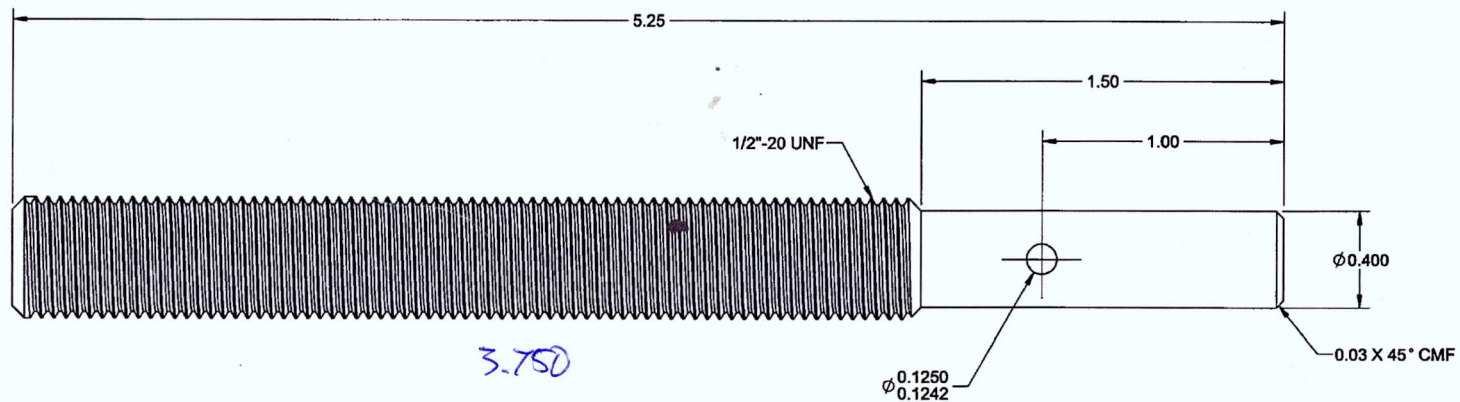
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Date : _____	Step #: _____	QTY Effective : _____	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due	☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter	FAULT CATEGORY ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes	☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence
OTHER : _____					

MAJ 0.4947 $\pm$.004
 WD .029
 Dow .5014 $\pm$.0021



3.750

RBW6420G00131-8G-5 PIN

- NOTES:
 1) MATERIAL: 4140/4142 (28-32 RC)
 2) HEAT TREAT: N/A
 3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
 4) TOLERANCES: X.X = $\pm$ 0.1" / $\pm$ 1"
 X.XX = $\pm$ 0.01" / $\pm$ 0.5"
 X.XXX = $\pm$ 0.005" / $\pm$ 0.1"
 X.XXXX = $\pm$ 0.0005" / $\pm$ 0.05"
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm$ 0.005"
 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 7) IDENTIFICATION: N/A

DESIGN	KT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MP	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6420G00131-8G	SHEET 6 OF 8
APPROVED	MP	TITLE	SCALE
DATE 5/28/2018		T/R HEAD SUPPORT TROLLEY ADAPTER	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040175**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040175
PO Date: 6/14/18
Due Date: 6/18/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	173874	RBE350A94-3700-A-01	Tube -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	24 pcs	0 pcs	24 pcs	\$3.85/pcs	\$92.40
2	173878	RBE350A94-3700-C-01	Tube -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	28 pcs	0 pcs	28 pcs	\$1.80/pcs	\$50.40

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	178864	RBW6420G00131-8G-5	Pin -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required	Firmed	6/15/18	12 pcs	0 pcs	12 pcs	\$12.50/pcs	\$150.00
4	177002	RB877406-5-27	Bolt -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	6/15/18	10 pcs	0 pcs	10 pcs	\$0.97/pcs	\$9.70
5	173926	RBE703A94-1130-01-09	Bottom Fixture 2 -Issue P/O to Groupe Altech: PO _____-ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2 WATER SEALANT -Certificate of Conformity is required	Firmed	6/15/18	12 pcs	0 pcs	12 pcs	\$4.95/pcs	\$59.40
6	173876	RBE350A94-3700-A-05	Foot -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	21 pcs	0 pcs	21 pcs	\$2.80/pcs	\$58.80
7	177001	RB877406-5-21	Cap -Issue P/O to GROUPE ALTECH; PO _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	6/15/18	13 pcs	0 pcs	13 pcs	\$1.15/pcs	\$14.95

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Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	177060	RBW6420G01531-8G-2	Guide -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$1.05/pcs	\$6.30
9	173859	RBE350A93-3307-00-01	Retractor -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C-16173 GRADE 4 -Certificate of Conformity is required	Firmed	6/18/18	12 pcs	0 pcs	12 pcs	\$2.55/pcs	\$30.60
10	177059	RBW6420G01531-8G-1	Reaction -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$10.00/pcs	\$60.00
11	178821	RBW6505G00831-3G-23	Bar -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$2.25/pcs	\$13.50
18. de. 20 <i>ingl.</i>										

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
12	176957	C3-11-1	Side Plate - Solenoid C3-Hook -Issue P/O to Groupe Altech : -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	6/18/18	19 pcs	0 pcs	19 pcs	\$6.55/pcs	\$124.45
13	177000	RB877406-5-17	R & I Adapter -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	6/18/18	11 pcs	0 pcs	11 pcs	\$1.25/pcs	\$13.75
Grand Total:										\$684.25
Order Notes										
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A022 Apical Processing A024 process certifications A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retension of quality documents A048 counterfeit parts avoidance, detection, mitigation and disposition program A049 supplier awareness CT. Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

Plex 6/18/18 4:10 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(010350-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010350 - 2

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
22-Jun-2018		Aman		PO040175					
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	Quantités / Quantities À venir / Back Order	
3	RBW6420G00131-8G-5 Rev.	RBW6420G00131-8G-5 01-ZINC BLACK [ZINC BLACK] ASTM B633 TYPE 2 SC2 COLOR BLACK	ZINC CH	12	12	0	0	0	0
5	RBE703A94-1130-01-09 Rev.	RBE703A94-1130-01-09 01-ANO-RED [ANODIZE RED] PER IAW MIL-A-8625 TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	12	12	0	0	0	0
7	RB877406-5-21 Rev.	RB877406-5-21 01-ANO-BLACK [ANODIZE BLACK] PER IAW MIL-A-8625F TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	13	13	0	0	0	0
11	RBW6420G01531-8G-1 Rev.	RBW6420G01531-8G-1 01-ANO-CLEAR [ANODIZE CLEAR] PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT	ANODIZE CH	6	6	0	0	0	0
12	RBW6505G00831-3G-23 Rev.	RBW6505G00831-3G-23 01-ANO-CLEAR [ANODIZE CLEAR] PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT	ANODIZE CH	6	6	0	0	0	0
13	C3-11-1 Rev.	C3-11-1 01-ANO-BLACK [ANODIZE BLACK] PER IAW MIL-A-8625F TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	19	19	0	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.